

ANALOGY

Directions: In the following questions, find the word which holds same relation with the third word as there is between the first two words.

1. Mango : Fruit :: Potato : ?
 1) Root 2) Fruit
 3) Stem 4) Flower
 5) Vegetable
2. Book : Publisher :: Film : ?
 1) Producer 2) Director
 3) Editor 4) Writer
 5) Audience
3. Bird : Aeroplane :: fish : ?
 1) Swim 2) Water
 3) Food 4) Ship
 5) Sailor
4. Cap : Head :: Spex : ?
 1) Eye 2) Hat
 3) Cloth 4) Hair
 5) Face
5. Water : Ocean :: Air : ?
 1) Earth 2) Sea
 3) Atmosphere 4) Moon
 5) Vacuum
6. Man : Walk :: Fish : ?
 1) Swim 2) Water
 3) Live 4) Eat
 5) Run
7. Parrot : Cage :: Man : ?
 1) Life 2) House
 3) Jungle 4) Jail
 5) Road
8. Umbrella : Rain :: Coat : ?
 1) Winter 2) Sunlight
 3) Summer 4) Light
 5) Dirt
9. Sympathy : Antipathy :: ? : Hatred
 1) Attachment 2) Love
 3) Anger 4) Affection
 5) Naiveness
10. Chapter : Book :: Flower : ?
 1) Plant 2) Garden
 3) Pollen 4) Bouquet
 5) Lotus
11. Horse : Hair :: Sheep : ?
 1) Wool 2) Milk
 3) Fur 4) Lamb
 5) Meat
12. Necklace is related to Jewellery in the same way as Shirt is related to _____
 1) Thread 2) Cloth
 3) Cotton 4) Apparel
 5) None of these
13. Needle is related to Thread in the same way as Pen is related to _____
 1) Ink 2) Cap
 3) Paper 4) Word
 5) None of these
14. Labourer is related to Wages in the same way as Entrepreneur is related to _____
 1) Loan 2) Interest
 3) Taxes 4) Profit
 5) None of these
15. College is related to Student in the same way as Hospital is related to _____
 1) Doctor 2) Nurse
 3) Treatment 4) Patient
 5) None of these
16. Neck is related to Tie in the same way as Waist is related to _____
 1) Watch 2) Belt
 3) Ribbon 4) Shirt
 5) None of these
17. Writer is related to Reader in the same way as Producer is related to _____
 1) Product 2) Consumer
 3) Seller 4) Film
 5) None of these
18. 'Kangaroo' is related to Australia in the same way as 'Giraffe' is related to _____
 1) India 2) Pakistan
 3) Japan 4) Antarctica
 5) Africa
19. 'March' is related to 'Year' in the same way as Summer is related to _____
 1) Winter 2) Cold
 3) Hot 4) Spring
 5) Season
20. 'Smoke' is related to 'Pollution' in the same way as 'War' is related to _____
 1) Victory 2) Enemy
 3) Army 4) Death
 5) Treaty

21. 'Mother' is related to 'Child' in the same way as 'Tree' is related to _____
 1) Plant 2) Fruit
 3) Root 4) Trunk
 5) None of these
22. 'Day' is related to 'Calender' in the same way as 'Time' is related to _____
 1) Day 2) Hour
 3) Sun 4) Clock
 5) None of these
23. 'Coach' is related to _____, in the same way as 'Teacher' is related to 'Student'.
 1) Team 2) Player
 3) Play 4) Sport
 5) None of these
24. 'Dawn' is related to 'Evening' in the same way as 'Light' is related to _____
 1) Sun 2) Noon
 3) Electricity 4) Heavy
 5) Torch
25. 'Bird' is related to 'Aves' in the same way as 'Man' is related to _____
 1) Mammal 2) Lizard
 3) Homosapiens 4) Holothuroidea
 4) None of these
26. 'Newspaper' is related to 'Press' in the same way as 'Cloth' is related to _____
 1) Tailor 2) Mill
 3) Cotton 4) Market
 5) Thread
27. 'Punishment' is related to 'Prisoner' in the same way as 'Operation' is related to _____
 1) Hospital 2) Doctor
 3) Patient 4) Disease
 5) Operation Theatre
28. 'Waiting' is related to 'Boredom' in the same way as 'Education' is related to _____
 1) Schooling 2) Books
 3) Enlightenment 4) Syllabus
 5) Enthusiasm
- Directions:** In each of the following questions, there is a certain relationship between two given numbers on one side of :: and one number is given on another side of :: while another number is to be found from the given alternatives, having the same relationship with this number as the numbers of the given pair bear. Choose the best alternative.
29. $21 : 3 :: 574 : ?$
 1) 23 2) 82
 3) 97 4) 113
 5) 117
30. $26 : 5 :: 65 : ?$
 1) 6 2) 7
 3) 8 4) 9
 5) 12
31. $3265 : 4376 :: 4673 : ?$
 1) 2154 2) 3562
 3) 5487 4) 5784
 5) 5984
32. $182 : ? :: 210 : 380$
 1) 156 2) 240
 3) 272 4) 342
 5) 346
33. $5 : 100, 4 : 64 :: 4 : 80, 3 : ?$
 1) 26 2) 48
 3) 54 4) 60
 5) 64
34. $122 : 170 :: 290 : ?$
 1) 299 2) 315
 3) 332 4) 344
 5) 362
35. $3 : 16 :: 7 : ?$
 1) 49 2) 52
 3) 64 4) 73
 5) 81
36. $42 : 56 :: 110 : ?$
 1) 132 2) 136
 3) 144 4) 149
 5) 156
37. $01 : 08 :: 16 : ?$
 1) 25 2) 125
 3) 64 4) 27
 5) 81
38. $12 : 20 :: 30 : ?$
 1) 15 2) 32
 3) 35 4) 42
 5) 48
- Directions:** In each of the following questions, choose that set of numbers from the four alternative sets, that is similar to the given set.
39. Given set: (2, 14, 16)
 1) (2, 7, 8) 2) (2, 9, 16)
 3) (3, 21, 24) 4) (4, 16, 18)
 5) None of these
40. Given set: (3, 18, 36)
 1) (2, 10, 16) 2) (4, 24, 48)
 3) (6, 42, 48) 4) (12, 72, 96)
 5) None of these
41. Given set: (6, 15, 28)
 1) (56, 52, 44) 2) (50, 59, 71)
 3) (60, 67, 72) 4) (60, 69, 82)
 5) None of these

42. Given set: (81, 77, 69)
1) (56, 52, 44) 2) (64, 61, 53)
3) (75, 71, 60) 4) (92, 88, 79)
5) None of these
43. Given set: (32, 24, 8)
1) (26, 32, 42) 2) (34, 24, 14)
3) (24, 16, 0) 4) (42, 34, 16)
5) None of these
44. DWH is related to WDS in the same way as
FUL is related to
1) UFO 2) OFU
3) FOU 4) ELV
5) None of these
45. KORT is related to PJWO in the same way as
FINR is related to
1) KCSM 2) KDSM
3) JSMR 4) JCRN
5) None of these
46. TRADE is related to UQBCF in the same way
as PLATE is related to
1) QKBSF 2) QKBUF
3) OMZUD 4) QMBUF
5) None of these
47. CIRCLE is related to RICELC in the same way
as SQUARE is related to
1) QSUERA 2) QUSERA
3) UQSAER 4) UQSERA
5) None of these
48. THEREFORE is to TEEOERFRH as HELICOP-
TER is to
1) HELICORETP 2) HLCPERTOIE
3) RETPOCILEH 4) RETPOCILHE
5) None of these
49. DRIVEN is related to EIDRVN in the same way
as BEGUM is related to
1) BGMEU 2) BGMUE
3) EUBGM 4) UEBGM
5) None of these
50. RATIONAL is to RATNIOLA as TRIBAL is
to
1) TIRLAB 2) TRIALB
3) TIRLBA 4) TRILBA
5) None of these



ANALOGY

1. 3; Biologically, mango is a fruit, while potato is a modified stem.
2. 1; The production of first id done by the second.
3. 4 4. 1 5. 3 6. 1 7. 4
8. 1 9. 2 10. 4 11. 1
12. 4; Second denotes the group to which the first belongs.
13. 1; Second is required by the first to function.
14. 4; First earns in the form of second.
15. 4; First works for and earns from the second.
16. 2; Tie is worn in the neck and belt is worn on the waist.
17. 2; A writer writes for the reader. Similarly, a producer produces articles for the consumer.
18. 5
19. 5 20. 4 21. 2 22. 4 23. 2
24. 4 25. 1 26. 2 27. 3 28. 3
29. 2; The relationship is $7x : x$.
30. 3; The relationship is $(x^2 + 1) : x$
31. 4; The relationship is $x : (x + 1111)$.
32. 4; Clearly, $210 = (15)^2 - 15$ and $380 = (15 + 5)^2 - (15 + 5)$.
Now, $182 = (13)^2 + 13$
So, required number $= (13 + 5)^2 + (13 + 5)$
 $= (18)^2 + 18 = 342$.
33. 2; We have: $100 = 5 \times 20$, $64 = 4 \times 16$.
Similarly, $80 = 4 \times 20$.
So, required number $= 3 \times 16 = 48$.
34. 5 35. 3 36. 1
37. 2 38. 4
39. 3; In each set, 2nd number $= (1\text{st number} \times 7)$
and 3rd number $= (1\text{st number} \times 8)$
40. 2; In each set, 2nd number $= (1\text{st number} \times 6)$
and 3rd number $= (2\text{nd number} \times 2)$
41. 4; In each set, 2nd number $= (1\text{st number} + 9)$
and 3rd number $= (2\text{nd number} + 13)$
42. 1; In each set, 2nd number $= (1\text{st number} - 4)$
and 3rd number $= (2\text{nd number} - 8)$
43. 3; In each set, 2nd number $= (1\text{st number} - 8)$
and 3rd number $= (2\text{nd number} - 16)$
44. 1; The first two letters of the first group are written in a reverse order in the second group. The third letter is replaced by a letter occupying the same position from the end of the English alphabet, as it occupies from the beginning.
45. 2; The first and third letters of the first group are each moved five steps forward, while the second and fourth letters are each moved five steps backward to obtain the corresponding letters of the second group.
46. 1; The first, third and fifth letters of the first group are each moved one step forward while the second and fourth letters are each moved one step backward to obtain the corresponding letters of the second group.
47. 4; The first three letters and the last three letters of the first group are written in a reverse order to obtain the second group.
48. 2; The alternate letters of the first group,, starting from the first letter are first written and then the remaining letters are written in the reverse order to obtain the second group.
49. 4; In the second group, the letters at even-numbered positions from the end of the first group are written in the order in which they appear from right to left, followed by the remaining letters in the order in which they appear from left to right in the first group.
50. 4; The first three letters do not change positions. The remaining letters show a cyclic movement in groups of three.

